

## PRO POLY OF AMERICA'S

# **COMMITMENT TO SERVICE**



#### MESSAGE FROM THE PRESIDENT

Pro Poly, Inc. was established in 1991 and is now Pro Poly of America, Inc. a leading manufacturer of poly water and foam tanks and truck bodies for the fire service industry. Pro Poly tanks are made from Polyprene®, a specially formulated copolymer plastic that won't rust, crack, or corrode and is lighter than fiberglass and stainless steel in specific applications.

Our friendly experienced staff will make your poly tank purchase easy and pleasant, and our dedication to producing a quality product means that your tank will be built to exacting standards and specifications. Our quality is second to none. In today's fiercely competitive world, we know the value of customer relationships. That is why every member of our team strives to fulfill the Pro Poly mission to provide unmatched customer service to the fire industry.

Tim Dean-President



#### TANKS, BODIES AND STORAGE SYSTEMS

Pro Poly of America builds the toughest, most durable tanks in the fire service industry, by using our patented Bent Edge™ technique, Pro Lock® tank design, years of engineering experience and state of the art equipment, including CNC (Computer Numerical Control) overhead routers, thermal benders and extrusion welders. Pro Poly also manufactures custom and standard trays, bottle racks and other material handling systems.



PolyBilt Body



T-Tanks



Elliptical Tanks



Skid Units



Truck Made<sup>™</sup> Storage Solutions

#### THE PRO CUSTOMER™ PROGRAM FEATURES

- Real time quoting
- Quick turnaround time
- On time delivery
- Pro One Warranty Limited Lifetime
- Service after sale within 48 hours
- Three service facilities to serve you

- Technical support from trained technicians
- Friendly and knowledgeable staff
- Long, trouble-free service life
- Certified and Master Certified welders
- ASTM compliant processes
- ISO 9001 Certified

## WHAT MAKES PRO POLY DIFFERENT?

#### STATE OF THE ART TECHNOLOGY AND PRODUCTS

#### POLYPRENE®

Polyprene is a specially formulated copolymer sheetstock material used in the construction of fire service products. The resin used in making Polyprene is a combination of polyethylene and polypropylene polymers which results in stronger physical properties in either high or low temperature applications. Polyprene will not rust, corrode, dent, crack, chip or peel.

Polyprene welds are impervious to microbial attack and meet FDA approval for food grade surfaces. Also, Polyprene is lighter than steel, aluminum or fiberglass in the same application.

## BENT EDGE™

Pro Poly of America builds the toughest, most durable tanks in the industry, with a limited lifetime warranty to back them up. Stringent engineering guidelines, highly skilled fabricators and unique production methods like the Bent Edge makes us confident in our products ability to live up to the Pro One Warranty.

What is Bent Edge? It is a patented process, exclusive to Pro Poly, of heating and bending sheet stock to form a continuous, seamless corner void of any joints, therefore eliminating the chance for leaks in these areas. Simply put, there is no stronger way to build a poly fire truck tank than with Bent Edge.

# PRO LOCK® SYSTEM

The Pro Lock system is an exclusive and proprietary mechanical locking of all tank and body parts prior to welding. Pro Lock incorporates a mechanical lock and Bent Edge technology into each exterior joint by utilizing a dado to join two parts. The Pro Lock baffle system interlocks the baffle with the tank wall to give superior strength to the tank and body through the entire service life of the tank.

## **EXTRUSION WELDING**

Extrusion welding is one of the core techniques used in plastic fabrication, utilized exclusively at Pro Poly on all external seams because it is one and a half times stronger than a conventional hand weld. Pro Poly of America takes pride in being the only manufacturer of tanks in the industry utilizing this innovative technique. Without proper extrusion welding in key areas, the stress and forces put on a tank might overwhelm a conventional weld.





Polyprene® Sheetstock



Patented Bent Edge™ Technology



Pro Lock® System



Poly Tank Extrusion Welding

#### **BODIES BUILT BULL TOUGH**

PolyBilt is a division of Pro Poly of America which specializes in the custom fabrication of vehicle bodies with patented integrated compartmentation using cutting-edge Polyprene® material. Since there are a variety of styles and infinite ways to implement them, we offer custom built, as well as stock design units, to suit your unique needs and specifications. Besides making advancements in the fire truck body application, PolyBilt can also be utilized in a wide array of commercial applications.

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#### FIRE SERVICE

The toughest most durable custom fabricated tanks and bodies for all types of fire service vehicles, to include engines, pumpers, tankers, aerials and brush trucks.

#### **COMMERCIAL & HEAVY DUTY**

When the job calls for something really rugged, our commercial line can get the job done. Our bodies our built to last through all types of climates, terrains and conditions.



# DENTIFIC BOOK TORKE

#### **UTILITY & LIGHT DUTY**

Quick Response and Lightweight utility vehicles provide an unmatched solution for the task at hand. Fabricated with the same durable materials these truck bodies will last a lifetime.



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